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(72) Inventors:
 • **Lapp, Tiffany R.**
Snohomish, Washington 98296 (US)
 • **Murphy, Timothy A.**
Everett, Washington 98203 (US)

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(74) Representative: **McLeish, Nicholas Alistair Maxwell**
Boulton Wade Tennant
Verulam Gardens
70 Gray's Inn Road
London WC1X 8BT (GB)

(71) Applicant: **The Boeing Company**
Chicago, IL 60606-2016 (US)

(54) **Method and apparatus for detecting anomalies in landing systems utilizing a global navigation satellite system**

(57) A method, apparatus, and computer program product for detecting anomalies in a landing system. In one embodiment, a magnitude difference between a blended inertial deviation magnitude and a raw deviation

magnitude is identified to form a magnitude difference. The magnitude difference is compared to a magnitude threshold. If the magnitude difference exceeds the magnitude threshold, an anomaly in the data is detected.

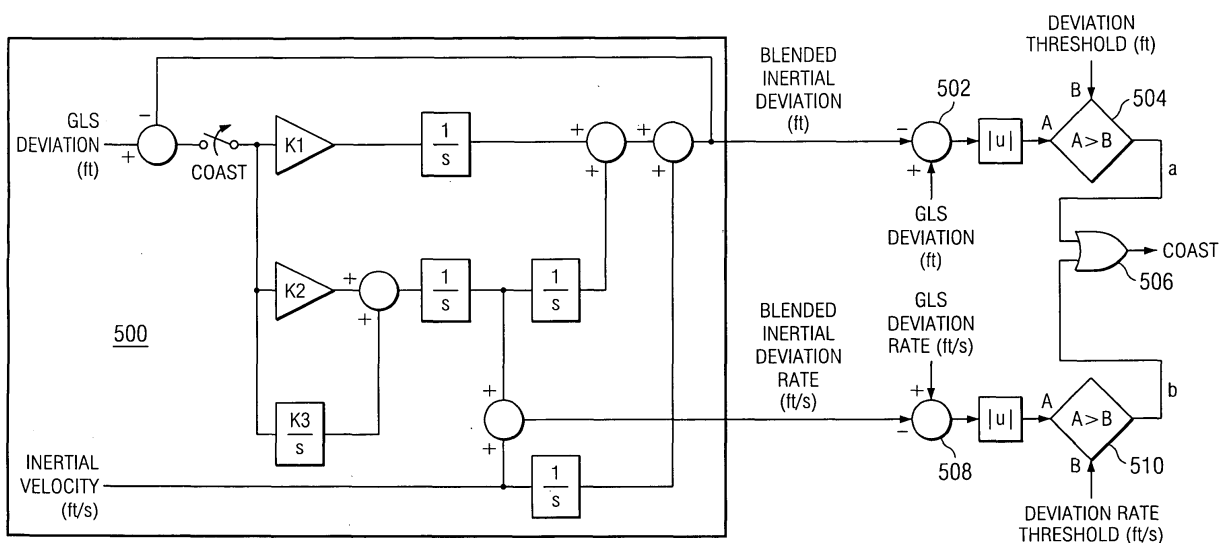


FIG. 5



EUROPEAN SEARCH REPORT

Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			G05D G01C G01S
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 22 December 2009	Examiner Helot, Henri
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

7
EPO FORM 1503 03.02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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